NORTH LONDON WASTE AUTHORITY

ICHEME

SCHEDULE 11: TIMES OF COMPLETION

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1. APPROVED PROGRAMME

The Contractor shall submit a detailed programme to the Project Manager for approval within the four weeks following the Effective Date. The format of the programme shall be in accordance with Schedule 2 *Documentation*.

The Contractor shall ensure that the Approved Programme at all times contains the most up to date information regarding the status of the programme and the Works.

The Contractor must specify the initiation and completion dates of all design, procurement, manufacturing, construction and commissioning activities involved in completion of the Works. The Approved Programme must include the Effective Date and detail the timings of the Works up to and including the date of issue of Final Certificate (cf. Schedule 15 *Take Over procedures*).

The Approved Programme shall, as a minimum, incorporate the requirements of clause 13 of the Conditions of Contract and the programme from Schedule 22.1.26 *Construction Programme* and meet the requirements of all interim timeframes and deadlines contained within the other Schedules of this Contract.

Examples for dates of submission:

- Reviewable Design Data packages as detailed in Schedule 2 *Documentation* including, but not limited to:
- Project Management (PD1-PD5), which includes, but is not limited to, Master Information Delivery Plan, Health and Safety management plan, CE-Plan, Plan for Subcontractors, Inspection and Test Plan, Training programme, training documents.
- Layout (LD1-LD5), which includes, but is not limited to, 3D models and layout drawings, traffic study, schedule for colours, lifting concepts
- Buildings and Civils (IFI, IFD, IFC, as detailed in Schedule 2 *Documentation*), including but not limited to all Documentation required for local authority sign off – including discharge of planning conditions and Building Regulation approval; room schedules and data sheets; noise studies; fire plans and approval from insurers.
- Building Services (BSD1-BSD5), including but not limited to schematics, calculations, layouts.
- Architecture design stages (AD1-AD5, as detailed in Schedule 2 *Documentation*), including but not limited to GA plans, elevations, building details.
- Mechanical Process Equipment (IFI, IFD, IFC), including but not limited to process flow diagrams, calculations, CFD analysis, datasheets.
- Electrical (IFI, IFD, IFC), functional descriptions, equipment diagrams and calculations, installation manuals.; and
- Automation (IFI, IFD, IFC), including but not limited to CMS circuit diagrams, functional design specifications, HMI presentation, etc.

- Factory Acceptance Test plan
- Completion of construction plan
- Cold commissioning plan
- Hot commissioning plan
- Take Over Period plan
- Performance testing plan
- Everything necessary to fulfil the requirements of all DCO and Environmental Permit conditions

~~Once any and all plans (including those listed above) are approved by the Project Manager it is the Contractor's responsibility to incorporate the relevant dates and milestones from these within the Approved Programme. It is the Contractor's responsibility to monitor and report progress against these dates and milestone as per the requirements set out elsewhere within this Contract.~~

~~The Contractor shall include within the Approved Programme milestones for all the key payment activities as listed in Schedule 19 *Terms of Payment*. The Contractor shall pay particular attention to section 2 of this Schedule which details the key events and Schedule 12 *Liquidated damages for delay* which details the key event connected to the Contractor's liability for Delay Liquidated Damages.~~

~~The Contractor shall clearly indicate all of the dates that the Purchaser is required to provide Documentation, information, Materials and/or take any other action to enable the Contractor to perform its obligations under the Contract.~~
~~As part of the critical path analysis, the Contractor shall identify any hold points which are essential to meet in order to achieve required completion. The Contractor shall plan any critical hold points in advance and coordinate with the Project Manager to ensure that work is not interrupted or delayed, particularly with respect to mock-up processes. The Contractor shall coordinate sequential trade subcontract work to prevent delay and avoid hold points. Wherever the Contractor chooses to proceed with work subject to hold points the work shall be entirely at the Contractor's risk. Hold points shall not be grounds for a claim for additional time or cost.~~

~~Where such work is not confirmed as approved by the Project Manager, the Contractor shall promptly submit remedial proposals for review and once approved by the Project Manager remove and replace such rejected work.~~

1. ~~2.~~ KEY EVENTS

The table below prescribes dates for key events which are of importance to the Purchaser and one of which (item 34) is connected with Delay Liquidated Damages. The Contractor shall read the key event dates below in conjunction with Clause 15 of the Conditions of Contract and Schedule 12 *Liquidated damages for delay*.

The Contractor shall ensure the Programme submitted for approval takes account of the key event dates defined in this Schedule 11 and any completion milestones defined within their own Contractor Programme. The Contractor shall, subject to Clause 15 of the Conditions of Contract, be liable to pay the Purchaser Delay Liquidated Damages as specified in Schedule 12 *Liquidated damages for delay* if key date item 34 is not met.

Ref.	Key Event	Key Event Date
1	Start on Site – Phase 1 Eastern Area	~~03/10/2022~~Completed
2	Start on Site – Phase 2 Western Area	~~01/03/2023~~Completed
3	Waste Bunker Piles Complete	~~12/05/2023~~Completed
4	~~Erection of the Landscape Retaining Wall Complete~~Not used	~~15/05/2024~~
5	Bottom Ash Bunker Piles Complete	~~12/06/2023~~Completed
6	Complete Process Hall Slab	~~19/01/2024~~Completed
7	Excavation of Bunker Complete	~~08/05/2024~~Completed
8	Complete Bunker Slab	~~08/05/2024~~Completed
9	Complete concrete wall at east end of the Process Hall	~~06/07/2023~~Completed
10	Commence heavy erection of equipment on site	~~09/10/2023~~Completed
11	~~Complete~~Commence mechanical erection of ~~cranes~~the ACC	~~04/03/2025~~08-Jan-27
12	Complete ~~installation of grates~~FGT roof steelwork (columns and roof modules)	~~05/12/2023~~17-Feb-27
13	~~Complete installation of turbo-generator~~Decommissioning of the MCT1 (ACC area)	~~28/11/2024~~26-Feb-27
14	Complete ~~the turbine room and electrical room~~mechanical erection of Economiser modules on Line 2	~~06/10/2023~~14-Jul-27

~~15a~~15	Complete ~~boiler structural steelline 1~~Boiler Hall roof steelwork (columns and roof modules)	~~08/10/2024~~09-Jul-27
~~15b~~	~~Complete boiler structural steel line 2~~	~~05/11/2024~~
~~16a~~	~~Complete installation of boiler line 1~~	~~25/04/2025~~
~~16b~~	~~Complete installation of boiler line 2~~	~~21/05/2025~~
~~17a~~16	Complete ~~installation of Flue Gas Treatment system line~~boiler pressure testing on Line 1	~~11/03/2025~~25-Oct-27
~~17b~~	~~Complete installation of Flue Gas Treatment system line 2~~	~~07/04/2025~~
~~18~~	~~Complete installation of the stack~~	~~22/01/2025~~
~~19~~	~~Complete installation of ACC~~	~~24/03/2025~~
~~20a~~17	Complete boiler pressure testing ~~line 1~~on Line 2	~~08/01/2025~~21-Dec-27
~~20b~~18	~~Complete boiler pressure testing line 2~~Decommissioning of the MCT2 (Bunker area)	~~06/02/2025~~06-Jan-28
~~21~~19	Complete the ~~substation and installation of transformers and UKPN connection~~in and out ramps to the Tipping Hall (concrete structure only)	~~202/09/2024~~30-Mar-28
~~22~~20	~~Complete connections to energy outlets, UKPN, Ark, Biffa and MWHN and EcoPark 11kV system~~Commence Classroom Training	~~14/05/2025~~21-Nov-28
21	Commence Hands-on Training	21-Mar-29
~~23~~22	~~Construction Complete for Cold~~Gas Available for Commissioning	~~01/10/2024~~05-Oct-28
~~24~~23	~~Readiness test certificate for cold commissioning~~Complete Boiler boil-out (chemical cleaning)	~~23/05/2025~~22-Dec-28
~~25~~24	~~Construction Complete~~First fire on auxiliary burners on line 1	~~22/05/2025~~15-Feb-29
25	First fire on auxiliary burners on line 2	08-Mar-29
26	~~Power on~~Complete refractory dry out for line 1 and line 2	~~18/11/2024~~21-Mar-29
27	~~Cold Commissioning~~ Complete steam blowing	~~12/01/2026~~22-Apr-29
28	Readiness ~~Test Certificate for Hot Commissioning~~to receive waste	~~23/05/2025~~04-May-29
29	First ~~Waste Fire~~fire on waste on line 1	~~29/12/2025~~21-May-29

30	First ~~Waste Fire~~fire on waste on line 2	~~29/12/2025~~21-May-29
31	~~Start Trial operation line 1 and 2~~First synchronisation to the grid	~~17/06/2026~~05-Jul-29
32	~~Satisfactory Completion of 300 hour performance test~~Construction completion for the Plant (after last TOP construction completion)	~~31/07/2026~~01-Aug-29
33	~~Satisfactory Completion of Inspection for Takeover~~Readiness to start Trial Operation	~~09/09/2026~~29-Sep-29
34	Take Over ~~(Liquidated Damages Milestone)~~Certificate	~~09/09/2026~~29-Dec-29
35	Performance Test Commencement Period	~~10/09/2026 – 25/09/2026~~30-Dec-29 to 14-Jan-30
36	Performance Test Period	~~10/09/2026 – 25/10/2026~~30-Dec-29 to 13-Feb-30
~~37~~	~~Satisfactory Completion of Performance Tests~~	~~09/01/2027~~
~~38~~37	Final Certificate ~~issued~~	~~09/09/2028~~29-Dec-31

Summary report: Litera Compare for Word 11.9.0.82 Document comparison done on 12/11/2026 16:19:01	
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Move To	0
Table Insert	2
~~Table Delete~~	7
Table moves to	0
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Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
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